

Proposal Full View

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Applicant Information

Organization Name *

Tax ID **956000736**

Proposal Name Groundwater Monitoring Wells
Installation Project - Sylmar Basin *

Proposal Objective Investigate the extend of groundwater contamination affecting the
Mission Wellfield. Install two groundwater monitoring wells in
location near the wellfield. *

Budget

Other Contribution	<input type="text" value="\$0.00"/>	
Local Contribution	<input type="text" value="\$1,119,226.00"/>	
Federal Contribution	<input type="text" value="\$0.00"/>	
Inkind Contribution	<input type="text" value="\$355,103.00"/>	
Amount Requested	<input type="text" value="\$250,000.00"/>	*
Total Project Cost	<input type="text" value="\$1,724,329.00"/>	*

Geographic Information

Latitude *	DD(+/-)	<input type="text" value="34"/>	MM	<input type="text" value="17"/>	SS	<input type="text" value="40"/>	
Longitude *	DD(+/-)	<input type="text" value="-118"/>	MM	<input type="text" value="27"/>	SS	<input type="text" value="23"/>	
Longitude/Latitude Clarification	Well MI-MW-01	Location					Berg Street and El Dorado Avenue, Los Angeles, CA
County		Los Angeles *					
Ground Water Basin		San Fernando Valley					
Hydrologic Region		South Coast					
Watershed	47 4412 Los Angeles River						

Legislative Information

Assembly District
Senate District
US Congressional District

39th Assembly District *
20th Senate District *
District 28 (CA) *

Project Information

Project Name

Groundwater Monitoring Wells In:

Implementing Organization	Los Angeles Department of Water and Power
Secondary Implementing Organization	
Proposed Start Date	10/3/2011
Proposed End Date	8/31/2013
Project Scope	Construct and sample two groundwater monitoring wells in the Sylmar Basin near the Mission Wellfield.
Project Description	<p>Construct and sample two nested multi-zone groundwater monitoring wells near the Mission Wellfield in the Sylmar Basin. All well drilling and construction will be supervised by a Professional Geologist (PG) registered in California. The PG will also review field and sampling data, and prepare a Well Completion Report for each location. Sample analyses will be conducted during the well drilling process and on baseline water samples collected after well construction and development are complete. Project management, contract administration, public outreach, and permit acquisition are included. Well drilling and construction activities include the following: 1) Drill 8-inch pilot boreholes to 1,000 ft +/- 2) Using Simulprobe sampling instruments and procedures, obtain water quality samples at 50 ft intervals of the pilot borehole and conduct lab analysis on selected samples. 3) Collect soil samples from the borehole at required intervals and conduct geophysical logging on the completed pilot borehole. 4) Classify the soil samples, evaluate the geophysical logs, and prepare final design of the monitoring well. 5) Ream the borehole to the required diameter and construct nested multi-zone well casings and screens, including installation of sand filter packs, Bentonite grout annular seals and sanitary seals. 6) Perform well development procedures to remove drill mud to achieve 10 NTU or less. 7) Install dedicated water quality sampling pumps using Zone Isolation Sampling</p>

	Technology (ZISTTM) by Besst Inc. Install dedicated water pressure transducers by InSitu. 8) Install wellhead surface completion. 9) Collect baseline water quality samples upon completion of each monitoring well. 10) Conduct lab analysis to characterize solid and liquid wastes for disposal purposes. Dispose wastes to approved disposal locations.
Project Objective	Trichloroethene (TCE) was detected in the Mission Wellfield in 1999 and began to exceed California's regulatory maximum contaminant level (MCL) of 5 micrograms per liter (ug/L) in 2008. The Project will provide additional data on the vertical and horizontal extent of TCE contamination. These data will help determine if installing new, deeper water supply wells will improve the quality of produced water, and/or what types of treatment technologies or facilities might be feasible.

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Water Restoration	15000	acre-feet storage credits
Primary	Water Restoration	1165	acre feet per year
Secondary	Groundwater Management-Monitoring wells installed	2	Two wells with nested casings
Secondary	Water Quality Treatment Technology	7	new sampling locations: 5 in Well MI-MW-01 and 2 in Well MI-MW-02 to provide data to design treatment if needed
	Groundwater Management-		additional water level measurements

Tertiary	Water level measurements taken	4	-- two per well for confined and unconfined aquifers
Tertiary	Other-Hydrogeological	2	boreholes with geophysical data

Project Objective

Budget

Other Contribution	0
Local Contribution	1119226
Federal Contribution	0
Inkind Contribution	355103
Amount Requested	250000
Total Project Cost	1724329

Geographic Information

Latitude DD(+/-)	34	MM 17	SS 40
Longitude DD(+/-)	-118	MM 27	SS 23

Longitude/Latitude Clarification Location

County Los Angeles Ground Water Basin San Fernando Valley Hydrologic Region South Coast
 WaterShed

Legislative Information

Assembly District	39th Assembly District
Senate District	20th Senate District
US Congressional District	District 28 (CA)

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. Applicant Information

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

Los Angeles Department of Water and Power, 111 N. Hope Street, Room 1455, Los Angeles, CA 90012

Q2. Proposal Description:

Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.

This project constructs two groundwater monitoring wells in the Sylmar Basin near LADWP's Mission Wellfield where two supply wells have been impacted by groundwater contamination. LADWP has been unable to fully pump its adjudicated water right of 3,405 acre feet per year, pumping only 65 percent of that amount on average over the recent 10 year period. As a result, LADWP owns approximately 15,000 acre feet in stored water credits due to pumping below the annual allotment. The Sylmar Basin water rights adjudication allows parties to retain stored water credits only for five years. Stored water credits older than five years can be deducted by the Watermaster. These two new monitoring wells will help LADWP pump its full allotment in the Sylmar Basin by providing data to help design new groundwater supply wells and, if necessary, groundwater treatment facilities. This project is an important first step towards addressing the priority of developing and providing locally sustainable water supplies to the City of Los Angeles.

Q3. Project Director:

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

James B. McDaniel, Senior Assistant General Manager -- Water System, Los Angeles Department of Water and Power, 111 N. Hope Street, Room 1455, Los Angeles, CA 90012, (213) 367-1022, James.McDaniel@WATER.LADWP.com

Q4. Project Manager:

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Gregory Reed, Civil Engineering Associate III, Water Quality Division, Los Angeles Department of Water and Power, 111 N. Hope Street, Room 1213, Los Angeles, CA 90012, (213) 367-2117, Greg.Reed@WATER.LADWP.com

Q5. Additional Information:

Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:

http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm

- 1) ☐ Northern Region
- 2) ☐ North Central Region
- 3) ☐ South Central Region

4) ☒ Southern Region

Q6. Additional Information:

Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.

Groundwater rights in the Sylmar Basin were adjudicated by the Los Angeles Superior on January 26, 1979 under Case No. 650079, City of Los Angeles vs. City of San Fernando, et al.

Q7. Additional Information:

Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).

- Groundwater rights in the Sylmar Basin were adjudicated by the Los Angeles Superior on January 26, 1979 under Case No. 650079, City of Los Angeles vs. City of San Fernando, et al. - Annual Upper Los Angeles River Area (ULARA) report published by the ULARA Watermaster. This report summarizes and accounts for all activities of all parties affecting groundwater in the four basins of the ULARA Watershed. These four basins include San Fernando, Sylmar, Verdugo and Eagle Rock Basins. - Annual Five-Year Groundwater Pumping and Spreading Plan published by the ULARA Watermaster. This report summarizes projected groundwater pumping and recharge activities of the parties having water rights within the four basins of the ULARA Watershed.

Q8. Additional Information

Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".

No Other Contributions

Q9. Eligibility:

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.

The Los Angeles Department of Water and Power is the only urban water supplier that will receive funding from the proposed grant. Self-certification of compliance with CWC Section 525 et seq. and AB 1420 are provided in Attachment 10. For questions regarding this self certification, please contact: Penny Falcon, Water Conservation Policy Manager, Phone: (213)367-4647, Email: Penny.Falcon@ladwp.com

Q10. Eligibility:

explain current status.

Yes.

Q11. Completeness Check:

Have all of the fields in the application been completed?

Yes

Q.11. Completeness Check (cont)

If no, please explain. If yes, answer this question with "NA".

NA

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att1_LGA12_LADWP_AuthDoc_1of1.pdf

Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att2_LGA12_LADWP_EligDoc_1of1.pdf

Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att3_LGA12_LADWP_GWMP_1of1.pdf

Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att4_LGA12_LADWP_ProjD_1of1.pdf

Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att5_LGA12_LADWP_WrkPln_1of1.pdf

Attachment 6. Budget

Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att6_LGA12_LADWP_BUDGET_1of1.pdf

Attachment 7. Schedule

Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att7_LGA12_LADWP_SCHED_1of1.pdf

Attachment 8. Quality Assurance

Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att8_LGA12_LADWP_QA_1of1.pdf

Attachemnt 9. Past Performance

Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att9_LGA12_LADWP_PERFORM_1of1.pdf

Attachment 10. AB1420 and Water Meter Implementation Compliance

Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att10_LGA12_LADWP_1420_1of1.pdf
